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500 GeV ILC Operating Scenarios

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The ILC Technical Design Report documents the design of a 500 GeV linear collider, but does not specify the centre-of-mass energy steps of operation for the collider. The ILC Parameters Joint Working Group has studied possible running scenarios, including a realistic estimate of the real time accumulation of integrated luminosity based on ramp-up and upgrade processes, considering the evolution of the physics outcomes. These physics goals include Higgs precision measurements, top quark measurements and searches for new physics. We present this “optimized” operating scenario and the anticipated evolution of the precision of the ILC measurements.

Oral or Poster Presentation

Oral

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